

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041205.D
 Acq On : 12 Jun 2019 14:23
 Operator : HP/JU
 Sample : K3283-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

Quant Time: Jun 13 07:35:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

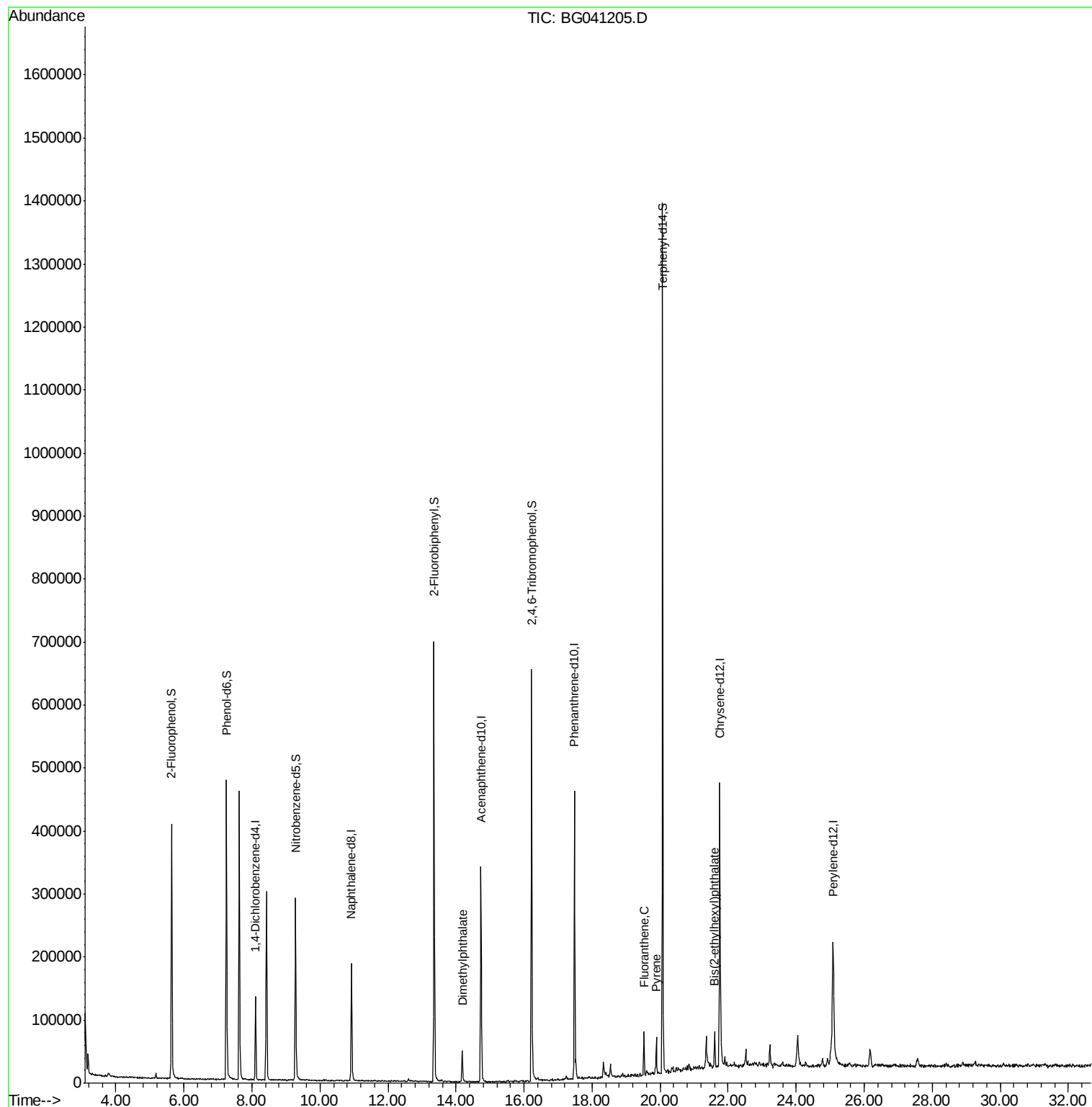
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37036	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	161209	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	121538	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	293041	20.00	ng	0.00
76) Chrysene-d12	21.76	240	287556	20.00	ng	0.00
87) Perylene-d12	25.09	264	294875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	165861	80.75	ng	0.00
7) Phenol-d6	7.25	99	266954	84.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	188017	51.78	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	132720	73.56	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	383991	45.50	ng	0.00
79) Terphenyl-d14	20.07	244	689191	50.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	40936	3.979	ng	Qvalue # 94
75) Fluoranthene	19.52	202	47602	2.525	ng	93
78) Pyrene	19.89	202	40804	2.183	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	23779	2.322	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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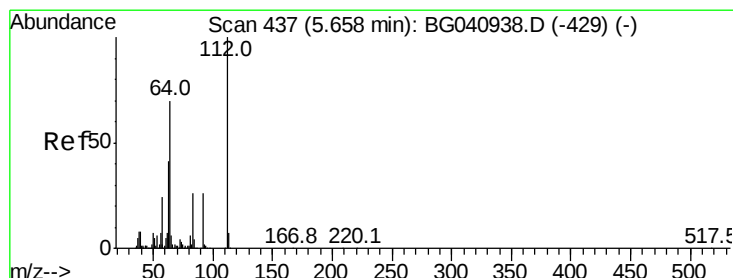
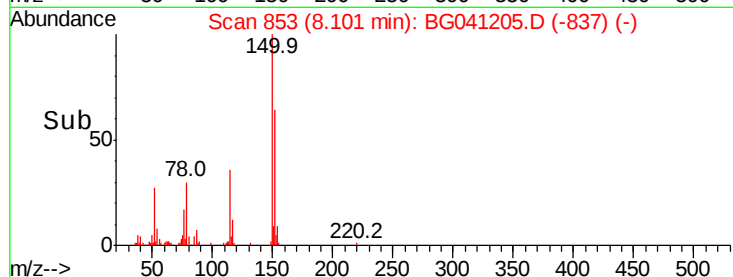
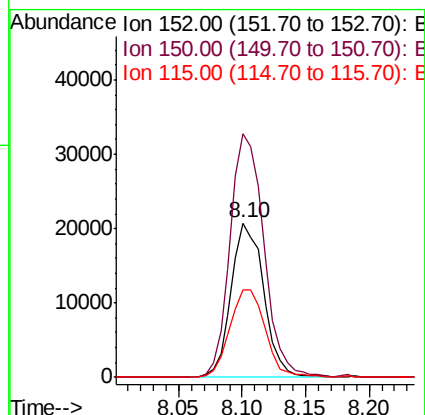
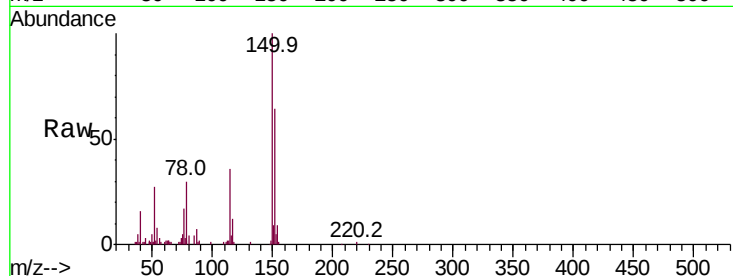


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Instrument :
BNA_G
ClientSampleId :
200030-200034

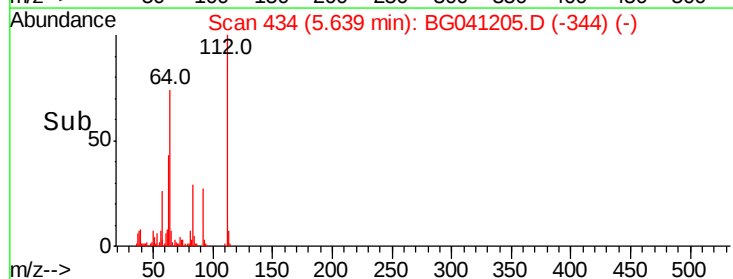
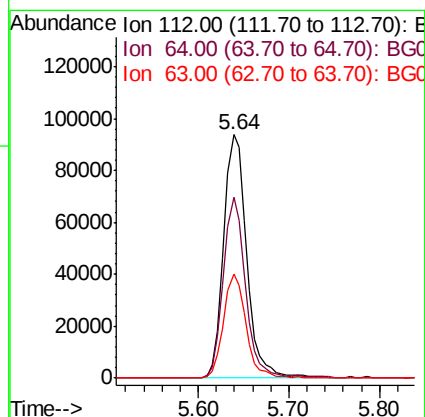
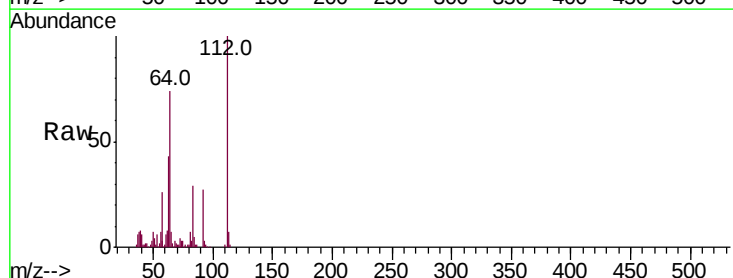
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.6	180.8
115	56.5	45.1	67.7

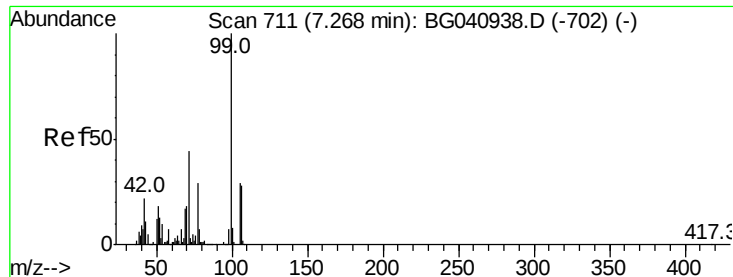


#5

2-Fluorophenol
Concen: 80.755 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.2	84.2
63	42.7	32.8	49.2





#7

Phenol-d6

Concen: 84.159 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

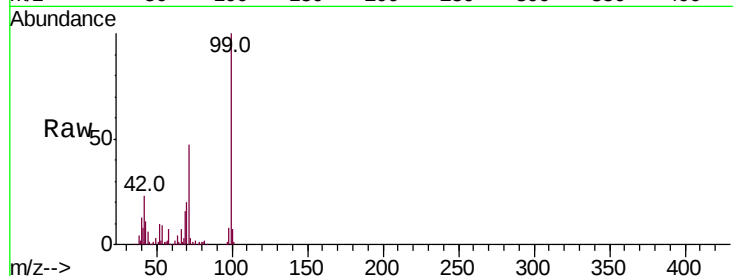
Tot Ion: 99 Resp: 266954

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 46.6 35.4 53.0

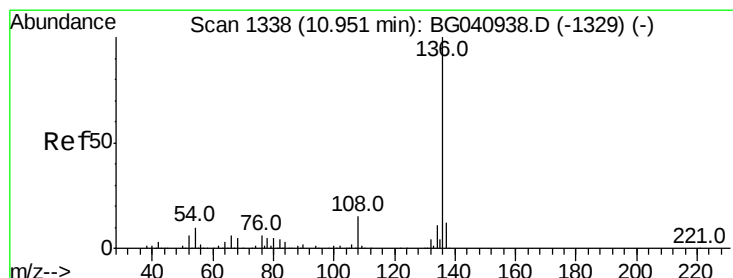
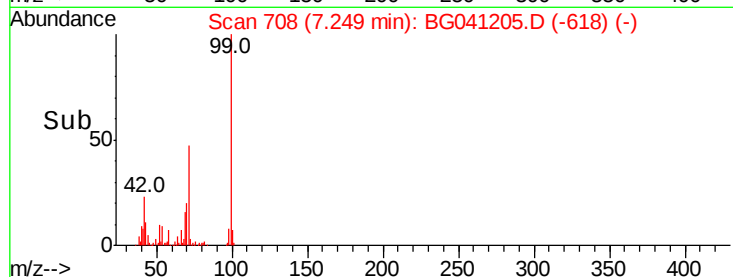
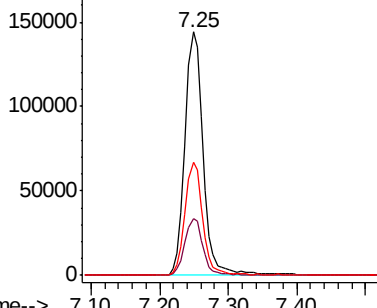


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Tgt Ion: 136 Resp: 161209

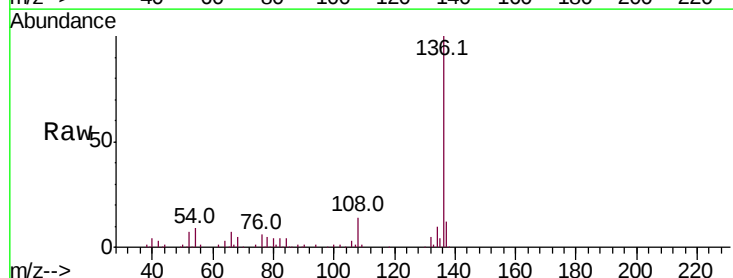
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 9.2 7.6 11.4

68 5.0 3.9 5.9



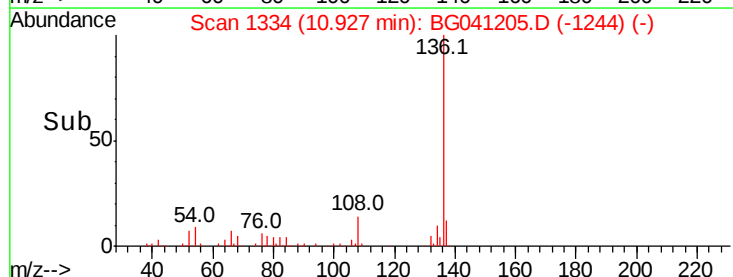
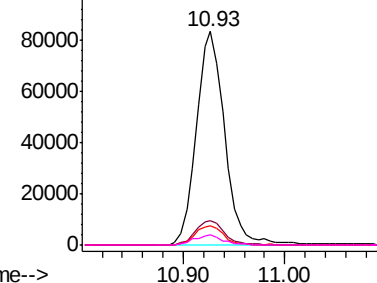
Abundance

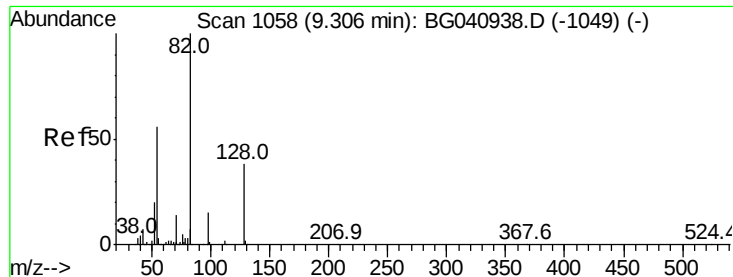
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

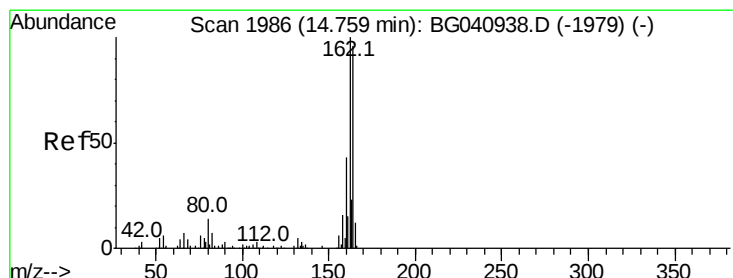
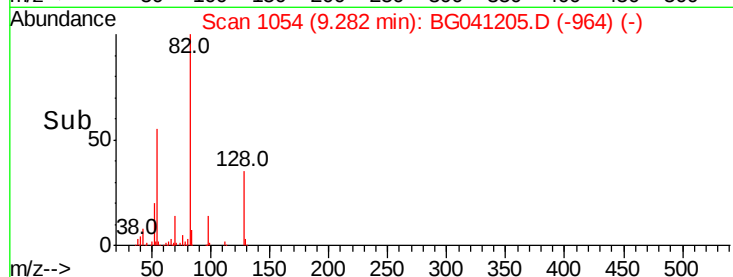
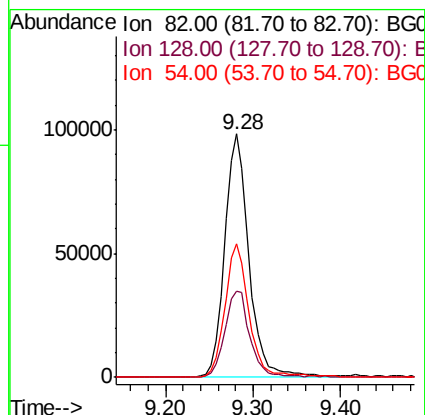
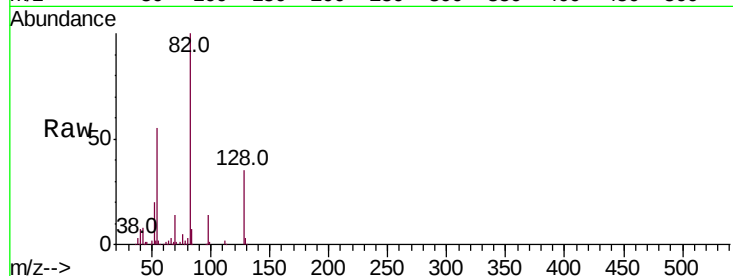




#23
 Nitrobenzene-d5
 Concen: 51.776 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

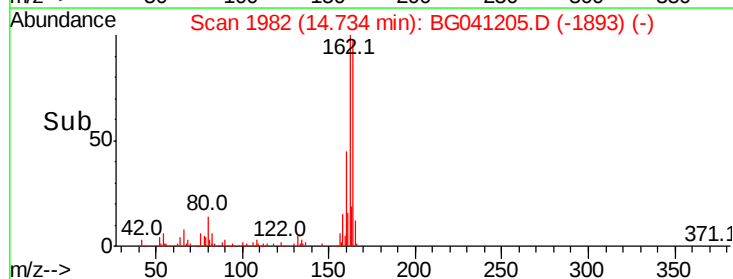
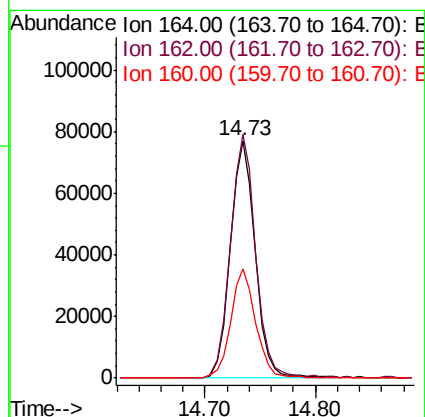
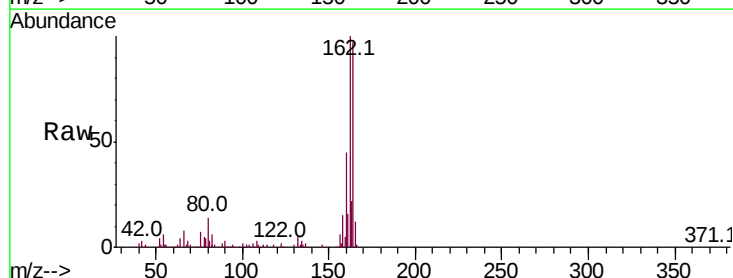
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

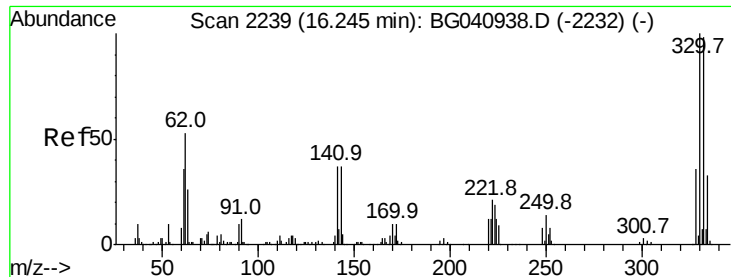
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.5	45.7
54	54.8	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	46.2	35.6	53.4

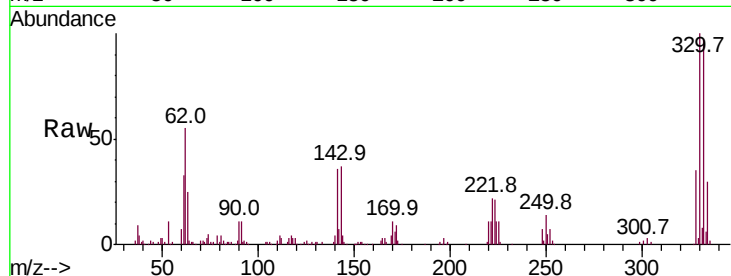




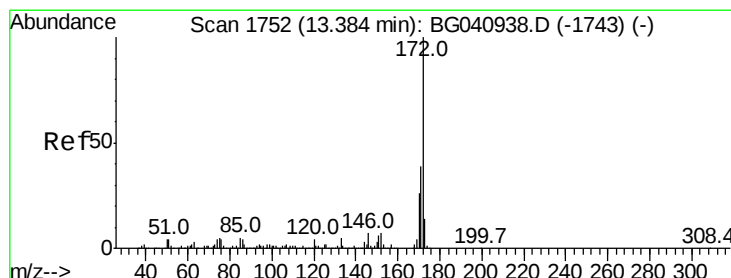
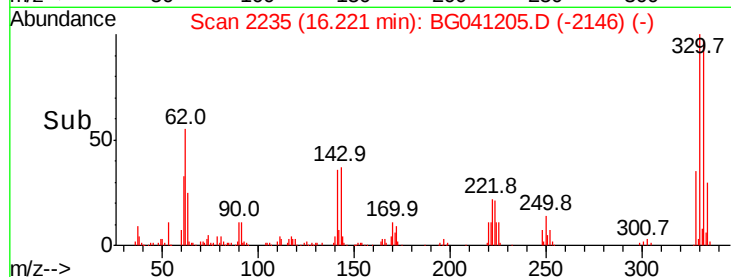
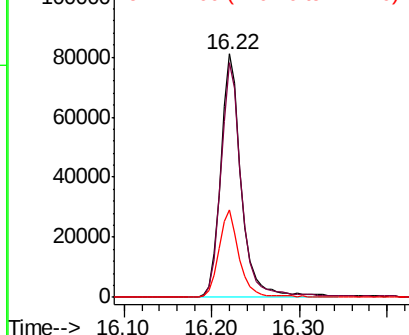
#42
 2,4,6-Tribromophenol
 Concen: 73.557 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.1	28.7	43.1

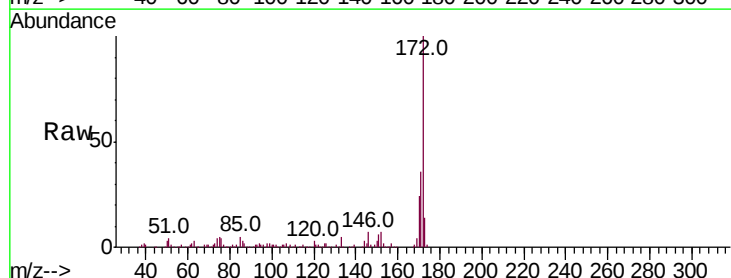


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

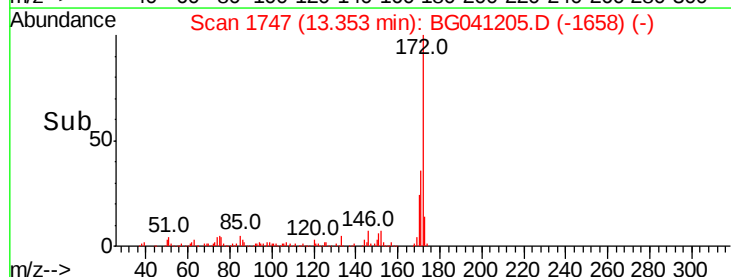
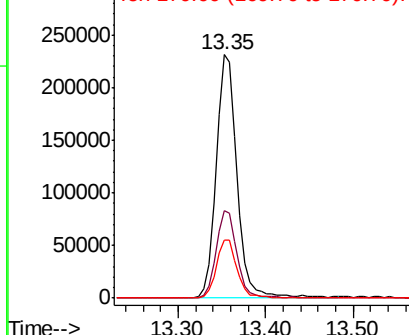


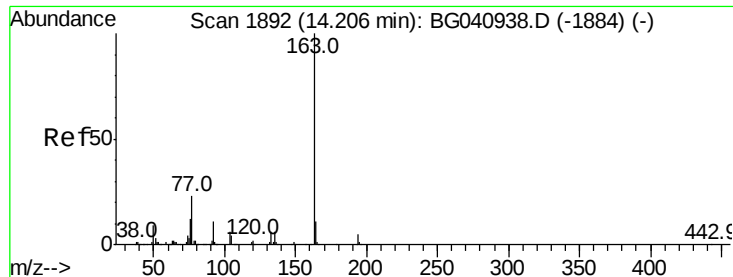
#45
 2-Fluorobiphenyl
 Concen: 45.499 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.1	46.7
170	23.6	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.979 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

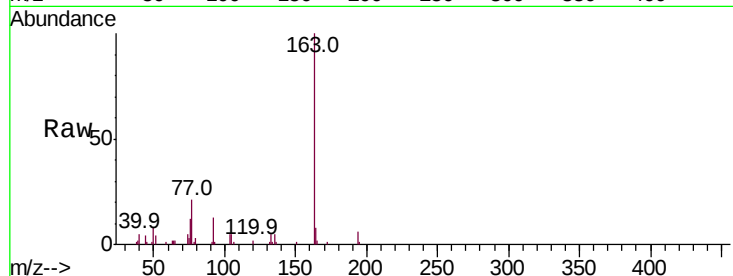
Tot Ion:163 Resp: 40936

Ion Ratio Lower Upper

163 100

194 6.0 3.8 5.8#

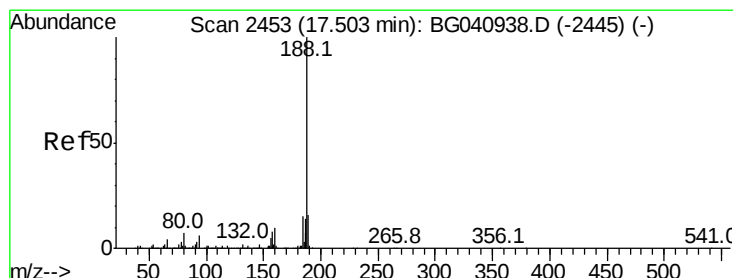
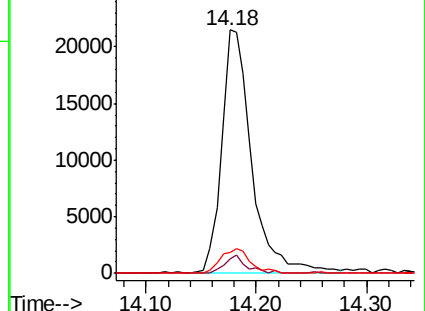
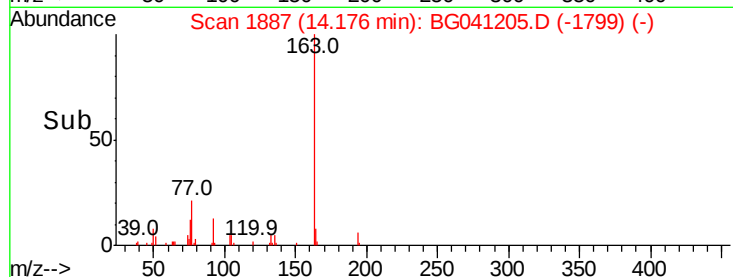
164 8.4 8.7 13.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

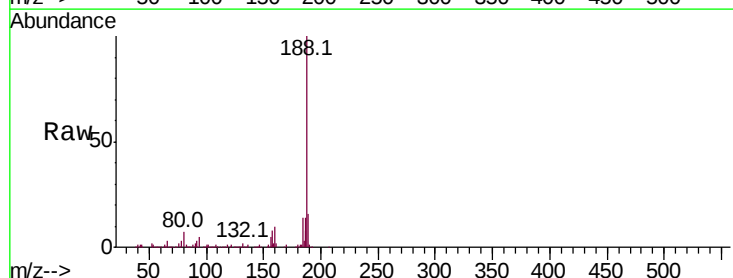
Tgt Ion:188 Resp: 293041

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

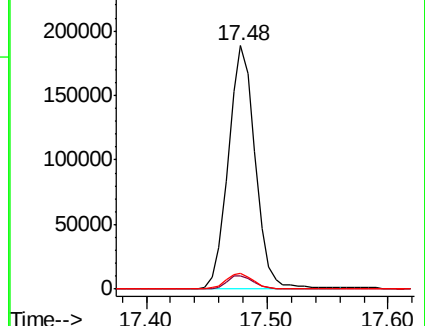
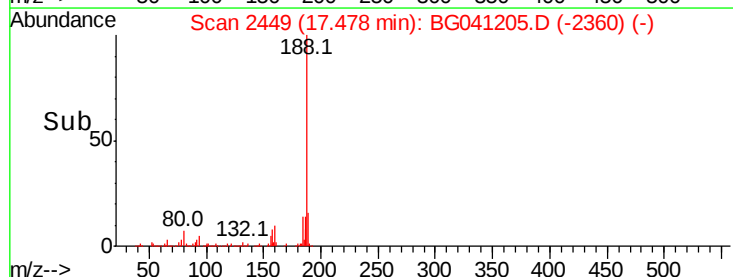
80 6.6 5.8 8.8

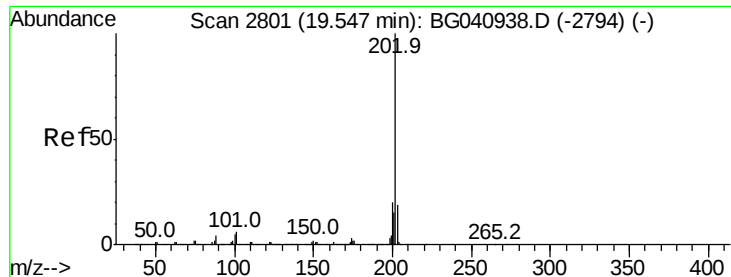


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.525 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

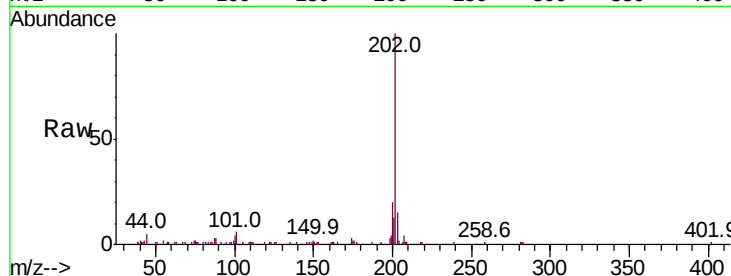
Tot Ion:202 Resp: 47602

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.2

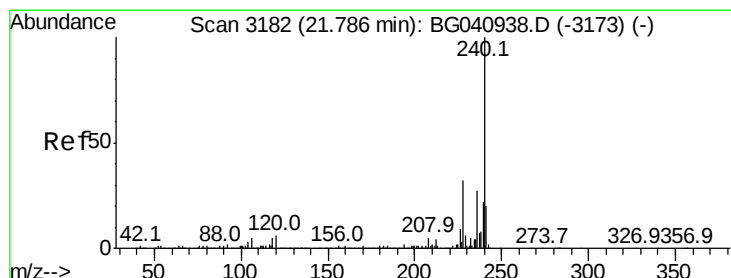
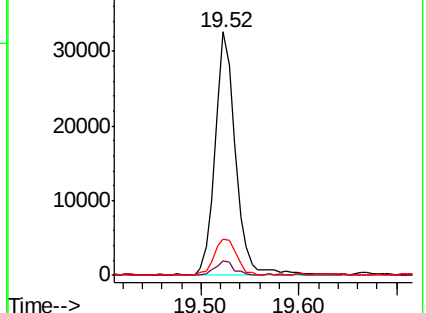
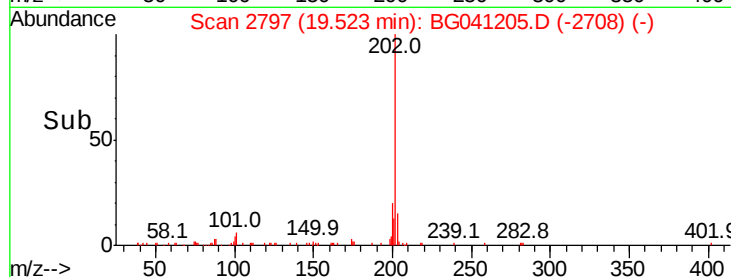
203 14.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

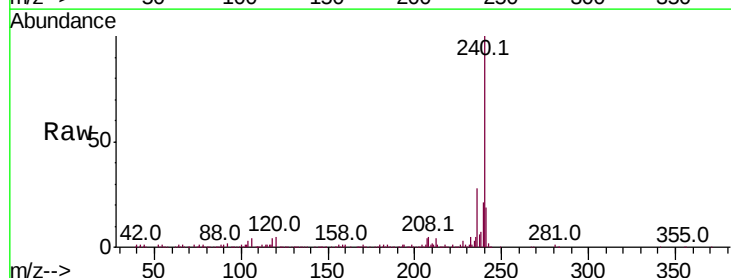
Tgt Ion:240 Resp: 287556

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7

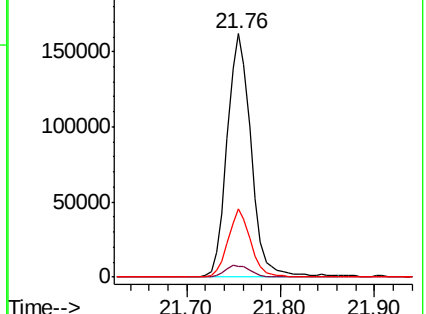
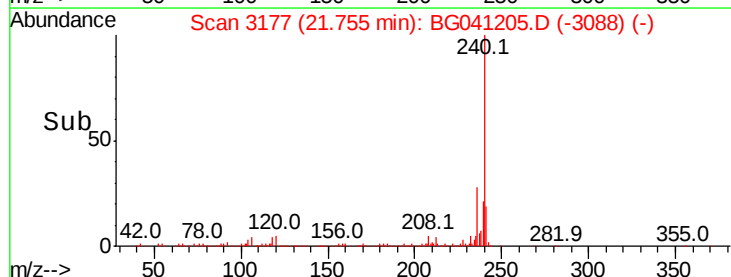
236 28.2 21.3 31.9

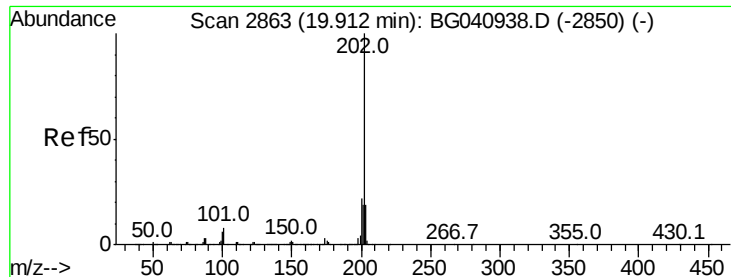


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.183 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

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200030-200034

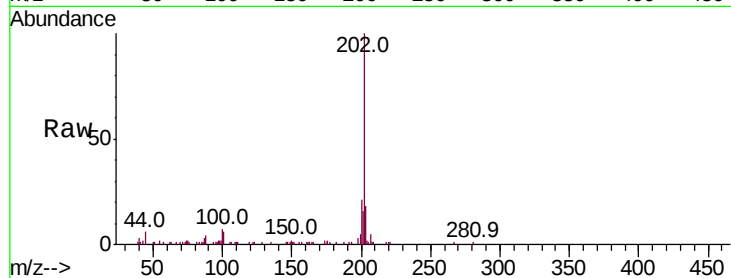
Tot Ion:202 Resp: 40804

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

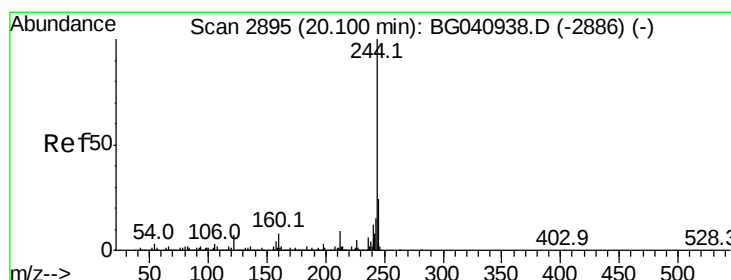
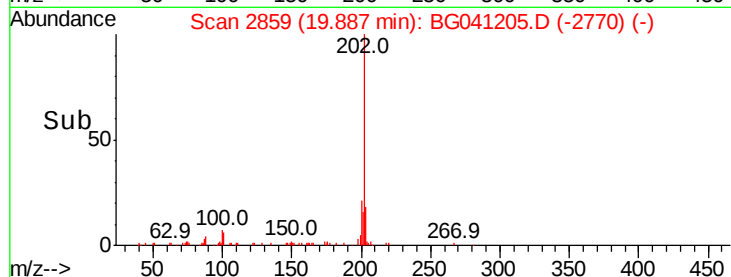
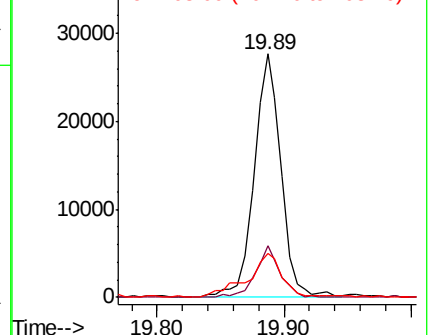
203 17.8 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 50.867 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

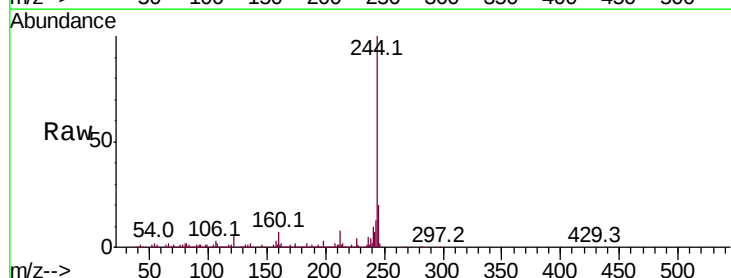
Tgt Ion:244 Resp: 689191

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

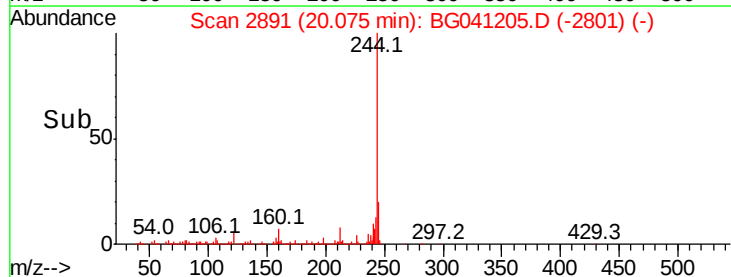
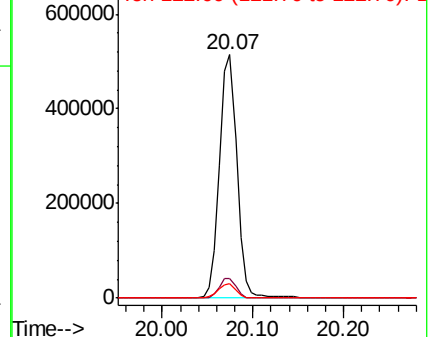
122 6.0 5.4 8.0

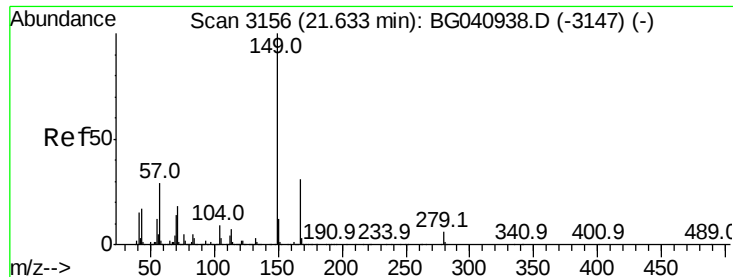


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.322 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

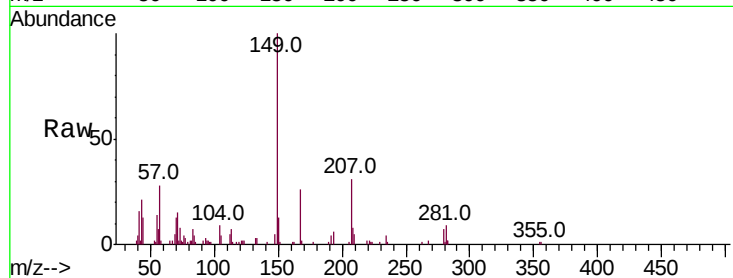
Tot Ion:149 Resp: 23779

Ion Ratio Lower Upper

149 100

167 25.6 24.6 37.0

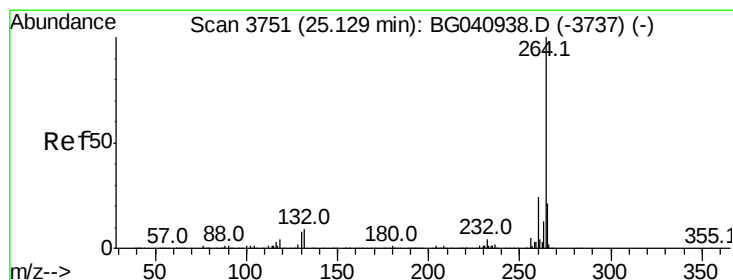
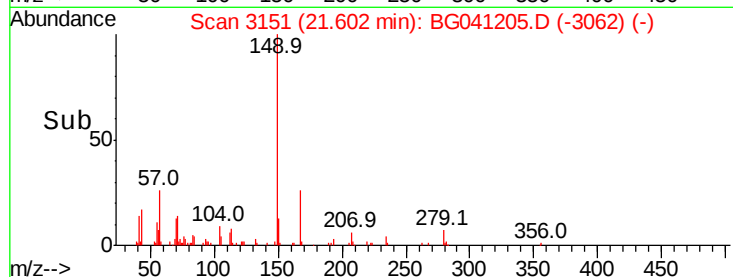
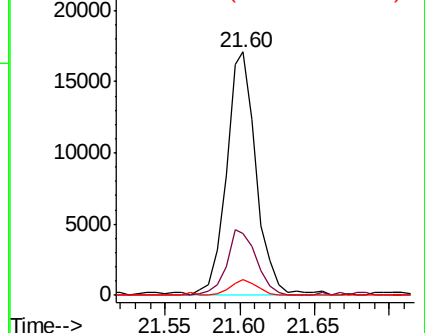
279 6.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

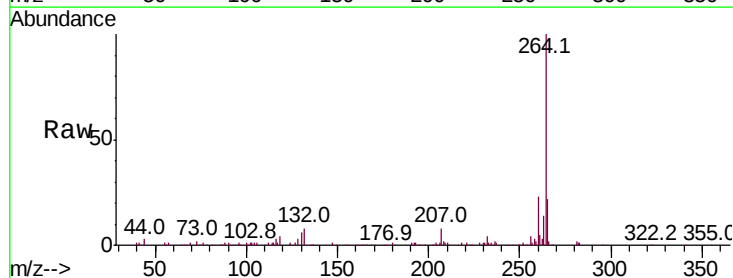
Tgt Ion:264 Resp: 294875

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

